

ILLINOIS

WEATHER & CROPS



ILLINOIS COOPERATIVE CROP REPORTING SERVICE

Illinois Department of Agriculture
STATISTICAL REPORTING SERVICE USDA
Box 429 Springfield, Illinois 62705
Phone: (217) 492-4295

CONTRIBUTORS:

National Weather Serv. Forecast Office (Chicago)
Midwest Agr. Weather Serv. Ctr. (W. Lafayette, Ind.)
Illinois State Water Survey Div., DENR (Champaign)

RELEASED: NOVEMBER 7, 1983, 3 P.M., CST

VOL.4, NO.34

CROP HI-LITES

*** Corn - 97% harvested
*** Soybeans - 98% harvested
*** Wheat - 96% seeded, 85% emerged
*** Soil Moisture - 24% short, 65% adequate, 11% surplus

There were 4.0 DAYS SUITABLE FOR FIELDWORK for the week ending Friday, November 4. Conditions early in the week were favorable for harvest. Many producers completed harvesting their crops before rain and cooler temperatures at midweek slowed fieldwork again.

Ninety-seven percent of the CORN crop for grain has been harvested, as of Sunday, November 6, compared to 88% last year and 86% for the 5-year average (1978-82).

SOYBEAN harvest is 98% complete as of Sunday, November 6. In 1982, 98% of the soybean acreage had been harvested while the average is also 98%.

Seeding of the 1984 WINTER WHEAT crop is 96% complete, compared to 97% for both last year and the average. Eighty-five percent of the acreage has emerged. Last year, 84% had emerged while the average is 83%. Condition of the crop on November 4 was 10% excellent, 64% good, and 26% fair.

Ninety percent of the SORGHUM acreage for grain has been harvested by Sunday, November 6. Last year, 83% had been harvested while the average is 84%.

As of Sunday, November 6, 52% of the 1984 Corn and Soybean intended acreage had been tilled (plowed or chiseled), compared to 41% for last year and 45% for the average.

STOCK condition on Friday, November 4, was 7% excellent, 47% good, 39% fair and 7% poor. Pastures were supplying 46% of the total livestock roughage requirements, compared to 55% last year and the average of 46%.

SOIL MOISTURE was reported to be 24% short, 65% adequate, and 11% surplus on Friday, November 4.

WEATHER

The week of October 31 to November 6 began with above normal TEMPERATURES across the State of Illinois. On Wednesday temperatures were running around 15 degrees above normal as a result of a warm southeasterly flow out ahead of a cold front. By Friday the cold front had moved across Illinois. Minimum temperatures dropped into the upper 20's at most reporting stations in Central and Northern Illinois and around 30 degrees in Southern Illinois.

RAINFALL was fairly general across Illinois with most areas receiving amounts in excess of .50 inches. Areas around Moline and Cairo, however, reported over 1 inch of rain.

The OUTLOOK for the week of November 7 to 13 calls for some light rain and drizzle in the Southeast Monday morning. Tuesday will bring a chance of showers in Northern Illinois. By midweek there will be a chance of rain again in Southern Illinois. The remainder of the week will be partly cloudy with high temperatures in the 40's and 50's while lows will range from the upper 20's in the North to the low 40's in the South.

STATE WATER SURVEY DIVISION

The State Water Survey Division reports that Potential Plant Available Moisture (PPAM) was unchanged in the moderately well-drained Flanagan soil four miles south of Bondville in Champaign County during the week ending November 4. Precipitation totaled 0.68 inches last week. In the soil layer from the surface to 4 inches the PPAM increased from 72% to 89%; at the 4 to 12-inch depth, the PPAM increased from 64% to 66%; and at the 12 to 20-inch depth, the PPAM was unchanged at 64%. Over the total soil column from the surface to nearly 7 feet, the PPAM was unchanged at 69%.

ILLINOIS CROP REPORTING DISTRICT SUMMARY

| Crop and Soil Characteristics | NW | NE | W | C | E | WSW | ESE | SW | SE | STATE | 5-YR. AVG. |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------------|
| As of November 6 | | | | | | | | | | | |
| Corn: % harvested | 97 | 92 | 99 | 99 | 99 | 99 | 95 | 92 | 90 | 97 | 86 |
| Soybeans: % harvested | 99 | 99 | 100 | 100 | 100 | 100 | 97 | 92 | 93 | 98 | 98 |
| Week ending November 4 | | | | | | | | | | | |
| Days suitable for fieldwork: | 3.5 | 4.5 | 3.5 | 4.0 | 4.5 | 4.0 | 3.5 | 4.0 | 4.5 | 4.0 | |
| Soil moisture % | | | | | | | | | | | |
| Short | 20 | 10 | 55 | 40 | 25 | 40 | 0 | 0 | 0 | 24 | |
| Adequate: | 70 | 80 | 45 | 55 | 75 | 60 | 90 | 50 | 50 | 65 | |
| Surplus | 10 | 10 | 0 | 5 | 0 | 0 | 10 | 50 | 50 | 11 | |

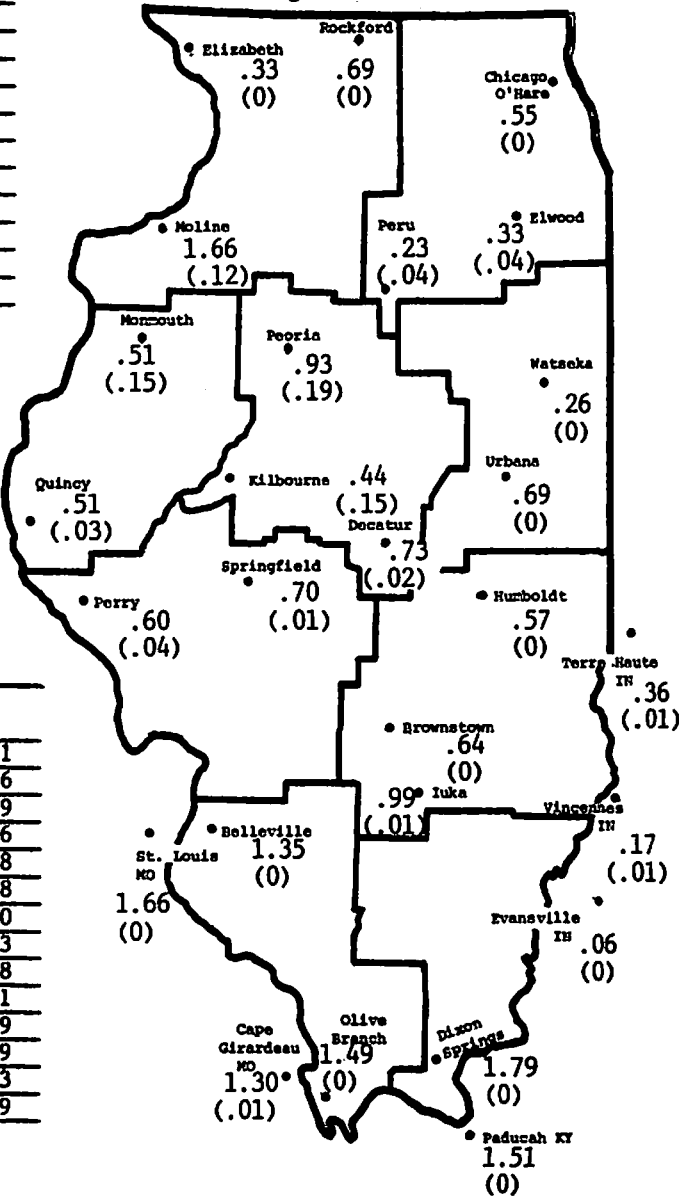
Illinois Weather & Crops
November 7, 1983

MONTHLY AND WEEKLY TEMPERATURE DEPARTURES IN DEGREES

| | August | September | Sept. 27- Oct. 3 | Oct. 4- 10 | Oct. 11- 17 | Oct. 18- 24 | Oct. 25- 31 | Nov. 1- 7 |
|-------------|--------|-----------|---------------------|---------------|----------------|----------------|----------------|--------------|
| Chicago | +5 | 0 | +7 | +2 | 0 | 0 | 0 | +3 |
| Peoria | +8 | +2 | +10 | +3 | +1 | +1 | +3 | +6 |
| Springfield | +6 | +2 | +8 | +4 | +1 | -1 | +1 | +5 |
| St. Louis | +7 | +2 | +8 | +4 | -1 | -1 | -2 | +5 |

| Station | Week ending Monday, 6 A.M., November 7 | | |
|----------------|--|---------|---------|
| | Temperatures | | |
| | Maximum | Minimum | Average |
| Moline | 69 | 26 | 51.1 |
| Rockford | 62 | 21 | 45.4 |
| Chicago O'Hare | 66 | 23 | 47.8 |
| Quincy | 71 | 33 | 54.1 |
| Decatur | 70 | 29 | 50.6 |
| Peoria | 71 | 29 | 50.7 |
| Watseka | 72 | 25 | 47.2 |
| Springfield | 72 | 29 | 52.1 |
| Brownstown | 69 | 28 | 51.3 |
| St. Louis | 73 | 32 | 56.1 |
| Dixon Springs | 74 | 26 | 55.7 |

PRECIPITATION:
First figure--Current week, Nov. 1-7
Parentheses--Previous week
M--Missing. T--Trace



| Precipitation: Week ending November 7 | | | | | |
|---------------------------------------|--------------|--------|------------------------------------|------------------------|--------|
| Station | Current week | Normal | Accumulations in 1983 since Apr. 1 | Departures from normal | May 31 |
| Rockford | 0.69 | 0.56 | 23.66 | - 4.08 | - 5.16 |
| Chicago O'Hare | 0.55 | 0.49 | 34.93 | +10.94 | + 3.49 |
| Watseka | 0.26 | 0.63 | 26.86 | - 0.54 | - 2.26 |
| Peru | 0.23 | 0.42 | 26.03 | + 0.25 | - 3.08 |
| Moline | 1.66 | 0.49 | 26.12 | - 1.88 | - 0.58 |
| Peoria | 0.93 | 0.49 | 28.89 | + 3.36 | - 2.70 |
| Monmouth | 0.51 | 0.42 | 22.37 | - 4.33 | - 5.43 |
| Quincy | 0.51 | 0.42 | 22.91 | - 2.87 | - 5.98 |
| Springfield | 0.70 | 0.42 | 18.95 | - 4.32 | - 5.21 |
| Decatur | 0.73 | 0.63 | 30.18 | + 3.39 | - 3.29 |
| Urbana | 0.69 | 0.56 | 34.84 | + 9.27 | + 5.69 |
| Bellefonte | 1.35 | 0.70 | 23.32 | - 1.20 | - 4.33 |
| Evansville, IN | 0.06 | 0.77 | 33.29 | + 8.07 | - 2.69 |

1/ 30-year average (1951-80).